



January 23rd, 2024

To: Chelsea Morris, SAM coordinator
Washington State Department of Ecology, Olympia, WA

From: Marlena Milosevich
Natural Resource Specialist III, Clark County Public Works, Vancouver, WA

Subject: Deliverable D1.8: Semi-annual progress reports

1. General Information

Contract Agreement Number:	C2000179
Project Title:	Status and Trends Monitoring of Urban Streams in Clark and Cowlitz Counties in the Lower Columbia River Region (LCUS)
Organization:	Clark County Public Works Clean Water Division (CWD)
CWD Project Manager:	Chad Hoxeng, CWD Interim Monitoring and Assessment Supervisor
Ecology Project Manager:	Chelsea Morris, Stormwater Action Monitoring (SAM) Scientist
Reporting Period:	2023 Q3 and Q4 (July through December)
Date Form was Completed:	23January2024

2. Task Achievements (This reporting period)

Task 1: Project Management

Percent of Task Completed:	13% this period (88% Cumulative Completed) \$3167.18 of budget used (\$45,459 of \$32,328.00 of budget used total)
Deliverable:	D1.7: Semi-annual progress report
Achievements:	The 2023 Q1 and Q2 D1.7: semi-annual progress report with target date July 30, 2023, was submitted to and accepted by Ecology. The project and budget were managed. Field, laboratory, and reporting tasks were coordinated.



Task 2: Station Set Up

Percent of Task Completed:	15% this period (100% Cumulative Completed) \$7129.55 of budget used (\$95,181 of \$109,096.00 budget used total)
Deliverable:	Deliverables: D2.6: Confirmation email for equipment installation at four status monitoring stations; target September 30, 2023)
Achievements:	D2.6: Confirmation email for equipment installation at four status monitoring stations was submitted to and accepted by Ecology. Four status sites are installed and collecting continuous data for WY2024.

Task 3: Continuous Datalogger Operation and Field Data Collection

Percent of Task Completed:	13% (95% Cumulative Completed) \$53,311.94 of budget used (\$191,747 of \$191,402 budget used total)
Deliverable:	D3.3: Email for monitoring completeness WY2023, confirming submission of the data collection event (DCE) file for each site compiled by the WHM e-forms and all required data and sample collection
Achievements:	D3.3: Email for monitoring completeness WY2023, confirming submission of the data collection event (DCE) file for each site compiled by the WHM e-forms and all required data and sample collection was submitted to Ecology. A total of eight e-forms were sent to Ecology. This deliverable was also met by operating and maintaining continuous monitoring equipment and performing field data collection per the Ecology-approved LCUS QAPP. Please see 3. Challenges and Issues for more information.

Task 4: Data Management

Percent of Task Completed:	3% (80% Cumulative Completed of D4.1; 56% Cumulative Completed for Task 4) \$ 17,572.64 of budget used (\$83,411 of \$63,721 budget used)
Deliverable:	D4.1.17: Upload continuous data to Aquarius, and send an Excel file with graphs to the Ecology project manager (October 1 st , 2023 through September 17th, 2023) D4.1.18: Upload continuous data to Aquarius, and send an Excel file with graphs to the Ecology project manager (Data October 1 st , 2023 through November 1st, 2023 for trend sites and status sites.)
Achievements:	On target to meet deliverable by performing data management and submittal per the Ecology-approved QAPP. D4.1.17 and D4.1.18, (Two of 22 targeted bi-monthly, 18 cumulative) excel files with graphs have been completed and accepted by Ecology.

Task 5: Data Analysis and Annual Reporting

Percent of Task Completed:	21% (71% Cumulative Completed) \$ 7,052.45 of budget used (\$44,230 of \$73,131 budget used)
Deliverable:	D5.4 Annual report (WY2022) Draft D5.5 Annual report (WY2022) Final
Achievements:	Deliverable D5.4 Annual report (WY2022) Draft submitted to Ecology and accepted. Deliverable D5.5 was submitted to Ecology and accepted.

3. Challenges and Issues

There were a few challenges accomplishing Task 3: field data collection. Throughout the six-month time period (July through December 2023).

Water temperature data for WPL050 is using pressure transducer temperature data due to the loss/theft of the conductivity sensor. The beaver dam at BRZ010 remains mostly in place and continues to affect stage measurements. A beaver dam at CMP010 is affecting stage measurements starting at 2/26/2023.

Another challenge was in meeting target dates for Task 5 Deliverable D5.4 Annual report final (WY2022). BIBI data was not received until after the target date for Deliverable D5.3 Annual report (WY2022) draft. These data are integral to the report and thus the report draft could not be completed without it. Habitat metric results were also delayed and a very important part of the annual report. The annual report has now been completed.

4. General Comments

Project is on task to meet IAA deliverables.